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› [PARKSIDE X 12 V Cordless Planer PHA 12 A1 Instruction Manual](#)

Parkside PHA 12 A1

PARKSIDE X 12 V Cordless Planer PHA 12 A1

INSTRUCTION MANUAL

Brand: Parkside | Model: PHA 12 A1

1. Introduction

Thank you for choosing the PARKSIDE X 12 V Cordless Planer PHA 12 A1. This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference. This tool is part of the PARKSIDE X 12 V Team series, ensuring compatibility with other tools and batteries in the range.

2. General Safety Warnings

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always wear eye protection and hearing protection when operating the planer.
- Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Ensure the workpiece is securely clamped before planing.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Always check for damaged parts before using the tool.
- Use the correct tool for your application. Do not force the tool.

3. Product Overview

The PARKSIDE X 12 V Cordless Planer PHA 12 A1 is designed for efficient and precise planing of wood surfaces. It features a powerful motor and user-friendly adjustments.



Figure 1: The PARKSIDE X 12 V Cordless Planer PHA 12 A1, showcasing its ergonomic design and main components.

Key Features:

- 12V battery voltage for cordless operation.
- High-speed motor (14500 rpm) for smooth finishes.
- 56 mm planing width.
- Adjustable cutting depth from 0-2 mm.
- Connection for external chip extraction (adapter included).
- Selectable left or right chip ejection.
- Replaceable HSS reversible planer knives.
- Integrated 3-level battery status indicator.
- Central V-groove for easy chamfering.
- Non-slip handle and knob for secure grip.

4. Technical Specifications

Specification	Value
Battery Voltage	12V
Battery Capacity	2.0 Ah
No-load Speed	14500 rpm
Planing Width	56 mm
Cutting Depth	0-2 mm
Body Material	Polyamide, Fiberglass (PA6 + GF30) with Thermoplastic Rubber (TPR)
Base Plate Material	Aluminum
Dimensions (L x W x H)	26.7 x 10.8 x 12.6 cm

Specification	Value
Weight (with battery)	1540 g
Charger Weight	265 g
Manufacturer	Grizzly Tools GmbH
Model Number	PHA 12 A1

5. Setup

5.1 Charging the Battery

1. Insert the battery pack into the charger. Ensure it clicks into place.
2. Plug the charger into a suitable power outlet.
3. The charging indicator on the charger will show the charging status. A full charge typically takes 60 minutes with the quick charger.
4. Once fully charged, disconnect the charger from the power outlet and remove the battery.



Figure 2: The PARKSIDE X 12 V battery charger with a battery inserted, ready for charging.

5.2 Installing/Removing Planer Knives

WARNING: Always disconnect the battery pack before performing any adjustments or maintenance, especially when handling planer knives. Planer knives are extremely sharp.

1. Place the planer on a stable surface with the base plate facing upwards.

2. Use the provided hex key to loosen the screws securing the planer knives.
3. Carefully remove the old knives. Use protective gloves.
4. Insert the new HSS reversible planer knives, ensuring they are correctly seated and aligned.
5. Tighten the screws firmly with the hex key.
6. Ensure both knives are installed correctly and securely before operating the tool.

6. Operating

6.1 Switching On/Off

- To switch on: Press and hold the safety lock button, then press the ON/OFF trigger switch.
- To switch off: Release the ON/OFF trigger switch.

6.2 Adjusting Planing Depth

The planing depth can be adjusted between 0 and 2 mm using the front adjustment knob. Rotate the knob to select the desired depth. Start with a shallow depth and increase gradually if needed.

6.3 Chip Ejection

The planer allows for chip ejection to either the left or right side. Use the selector switch to choose the desired direction. For a cleaner work environment, connect an external dust extraction system using the provided adapter.

6.4 Working with the Planer

1. Ensure the workpiece is stable and secured.
2. Set the desired planing depth.
3. Place the front shoe of the planer flat on the workpiece.
4. Switch on the planer and allow it to reach full speed before moving it forward.
5. Apply even pressure and move the planer smoothly across the workpiece.
6. For chamfering edges, utilize the central V-groove on the front shoe.



Figure 3: The PARKSIDE X 12 V Cordless Planer being used on a wooden surface, demonstrating typical operation.

7. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your planer.

7.1 Cleaning

- Always disconnect the battery before cleaning.
- Clean the tool regularly, especially the chip ejection port and the base plate, to prevent buildup.
- Use a soft brush or compressed air to remove dust and debris. Do not use water or chemical cleaners.

7.2 Replacing Planer Knives

Refer to Section 5.2 for detailed instructions on how to safely replace the planer knives. Replace knives when they become dull or damaged to ensure clean and efficient planing results.

8. Troubleshooting

This section addresses common issues you might encounter with your planer.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted	Charge battery; ensure battery is fully inserted and locked.
Poor planing results (rough surface)	Dull or damaged planer knives; incorrect planing depth	Replace planer knives; adjust planing depth to a shallower setting.
Excessive vibration	Unbalanced planer knives; loose components	Check and re-install planer knives; ensure all screws are tight.
Chip ejection port clogged	Accumulation of wood chips	Disconnect battery, clear the port with a non-metallic tool.

9. Warranty and Customer Support

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical assistance, spare parts, or warranty claims, please contact your retailer or the manufacturer's customer service department. Keep your proof of purchase for any warranty-related inquiries.